Category: USSR/Atomic and Molecular Physics - Physics of high-molecular substances D-9

Abs Jour: Ref Zhur - Fizika, No 1, 1957, No 982

diffraction investigations shows that the crystaline interferences are caused by the cellulose hydrate itself, and not by the ad mixtures, as stated in the work by V.A. Kargin et al (Kargin, V.Z., Karpov V.L., et al, Dokl; ty AN SSSR, 1955, 101, 707). A resultant amorphous electron-diffraction pattern is therefore not necessarily a justification for stating that the substance has an amorphous structure.

Card : 2/2

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

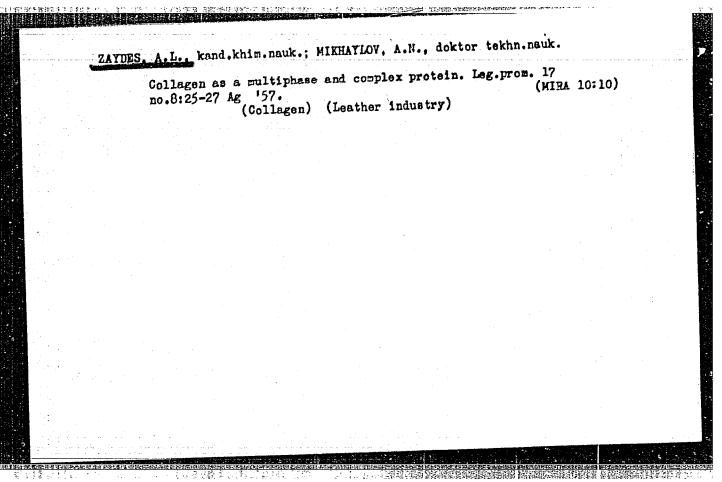
Collagen formation in the course of embryogenesis. Dokl. AN S552

(MIGA 10:3)

1. Personal naya gruppa A.I. Strukova pri Akademii meditsinshith
nauk SSSR, TSentral nyn nauchnb-issledovatel skiy institut koshevennoy promyshlennosti, Institut eksperimental noy patologii i terspii
raka Akademii meditsinshith nauk SSSR. Predstavleno akademikom A.I.

Oparinym.

(EMBRYOLOGY—MAMMAIS) (COLLAGEM)



DENISOVA, A.A., insh.; ZATDES, A.L., kand.khim.nauk; MIKHAYLOV, A.B., doktor tekhn.nauk, prof.

Quantitative chromatographic analysis in laboratory practice of the leather industry. Leg.prom.17 no.9:23-26 S '57. (MIRA 10:12) (Leather industry) (Tanning materials—Testing) (Chromatographic analysis)

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AUTHORS:

Denisova, A. A., Zaydes, A. L.

20-114-6-41/54

TITLE:

The Composition of the Collagen Fractions With Regard to Amino Acids in the Guinea Pig (Aminokislotnyy sostav

fraktsiy kollagena morskoy svinki)

PERIODICAL:

Doklady AN SSSR, 1957, Vol. 114, Nr 6, pp. 1287-1290 (USSR)

ABSTRACT:

Collagen is a system of many phases and components. The main components are collastromine and procollagen (references 1, 2). After a short survey of the works hitherto published on the problem mentioned in the title (references 3-6) the authors express the opinion that a number of intermediate protein-forms exists in the skin beside procollagen and collagen. In all procollagen fractions in the guinea pig they determined tyrosine. In the present paper the proteins: collastromine and procollagen are successively isolated from the collagen complex and in this connection the problem cited in the title is studied. The central layer of skin was subjected to a fractionation. The separation of the collagen complex into its components was done by a multiple extraction by citrate buffer with pH 4,0

for 48 hours respectively. Procollagen was precipitated in

Card 1/4

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The Composition of the Collagen Fractions With Regard to 20-114-6-41/54...

every extract with 5% sodium chloride solution. In citrate extracts the collagen-content decreases from fraction to fraction. Due to the insufficient content several extracts were gathered in one group. Thus extract 3 and 4 formed fraction II, 5 - 7 were gathered in fraction IV, and 8 - 11 in fraction V. The content of amino acids was determined on paper by means of distributing chromatography (according to reference 7, somewhat modified). The positive of the chromatogram was photometrically evaluated. The test results showed that the qualitative composition of the individual fractions is equal (table 1), but that they are quantitatively different from each other. Quite surprising was the fact that the content of amino acids in procollagen changes from fraction to fraction. These modifications do not take place gradually, but often pass a minimum or maximum point. Thus the smallest amount of proline is contained in fraction II, and then it increases. With oxyproline it is different: its maximum amount is contained in fraction III and is even higher than in the initial collagen. The same holds true for aspartic acid. The different amount of amino acids prevents the authors from

Card 2/4

The Composition of the Collagen Fractions With Regard to 20-11/-6-11/54

making a comparison of the content of amino acids in procollagen and collastromine. As in the collagen-complex about 80% fall to collastromine, a comparison of the content of amino acids in collastromine and collagen would be little characteristic. But in collastromine the authors found less oxyproline and lysine, and more leucine and phenyl-alanine than in collagen. According to an interesting observation a jump of content of some amino acids takes place on transition from the last procollagen fraction to collastromine. Thus the content of arginine decreases on transition from fraction III to V. In collastromine the content of arginine again increases. From the standpoint of the authors this may to some extent serve as a confirmation of the many phases in collagen which were proved by physical and histochemical methods (reference 1). The differences in the content of amino acids of the individual fractions may stem from various causes. Without additional tests it is therefore difficult to interpret the results. There are 2 figures, 1 table, and 9 references, 5 of which are Slavic.

Card 3/4

The Composition of the Collagen Fractions With Regard to 20-114-6-11/54 Amino Acids in the Guinea Pig

ASSOCIATION: Central Scientific Research Institute of the Leather-Shoe

Industry (Tsentral'nyy nauchno-issledovatel'skiy institut

kozhevenno-obuvnoy promyshlennosti)

PRESENTED: March 28, 1957, by A. I. Oparin, Academician

SUBMITTED: March 9, 1957

Card 4/4

STOYANOVA, I. G. and ZAYDES, A. L.

Institute of Electronic Optics of the State Committee for Radio Electronics and the Central Research Institute of the Leather Industry, Moscow. (for ZAYDES)

"Electron Diffraction Investigations on High Polymers and Therir Peculiarities." report presented at 4th. Intl. Conference on Electron Microscopy, Berlin GFR, 10 - 17 Sep 1958.

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YUDIN, A.V., kand.khim.nauk; KOTOV, M.P., prof. EAYDMS, A.L., insh.

Radiological analysis of protein fibers obtained from glutin fractions of collagen. Izv. vys. ucheb. zav.; tekh. leg. prom. no.3:25-29 158. (MIRA 11:10)

1. Kiyevskiy tekhnologicheskiy institut legkoy promyshlennosti. (Collagen) (Fibers--Testing) (Radiology, Industrial)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

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DENISOVA, A.A., kand.tokhn.nauk; ZAYDES, A.L., kand.khim.nauk; KIKHAYLOV, A.N., prof., doktor tekhn.nauk

Amino-acid composition of the fractionation products of collagen from the skin of mammals. Izv.vys.ucheb.sav.; tekh.leg.prom. ro2: 69-75 159. (MIRA 12:10)

1. TSentral'nyy nauchno-iseledovatol'skiy institut kozhevennoobuvnoy prosyshlennosti. (Hides and skins) (Collegens)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

ZAYDES, A.L.; TUSTANOVSKIY, A.A.; ORLOVSKAYA, G.V.; PAVLIKHIMA, L.V.

Relation of reticulin to proteins of the collagen group. Biofizikn, 4 no.3:284-288 159. (MIRA 12:7)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti, Moskva. Personal'naya grupna chlena-korrespondenta A.I. Strukova pri AMN, Moskva.

(RETICULIN.

relation to proteins of collagen group (Rus)) (COLIAGEN.

relation of reticulin to proteins of collagen group (Rus))

CHIOVSKATA, G.V.; TUSTANOVSKII, A.A.; ZAIDES, A.L. (Moskya)

Amorphous components of reticulinoid fibers and their role in histochemical reactions. Arkh.pat. 21 no.7e23-32 '59.

(COMMECTIVE TISSUE chemistry)

(HIRA 13:5)

CIA-RDP86-00513R001964030001-7 "APPROVED FOR RELEASE: 03/15/2001

AUTHORS:

Stoyanova, I. G., Zaydes, A. L.

SOV/48-23-6-22/28

TITLE:

Some Particular Features of the Investigation of Highmolecular Compounds by Means of Electrons (Nekotoryye osobennosti issledovaniya vysokomolekulyarnykh soyedineniy

pri pomoshchi. elektronov)

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya fizichoakaya, 1959,

Vol 23, Nr 6, pp 758-761 (USSR)

ABSTRACT:

In a number of cases high-molecular compounds form structures which can be investigated by means of electron refraction pictures. Several fundamental conditions for the obtaining of electron refraction pictures are enumerated. Firstly, a high vacuum is necessary. As numerous objects contain water which would evaporate in the high vacuum and would thus disturb the structure of the object, the latter must be investigated in media with a sufficiently high steam pressure. Further, the high-molecular compounds always have a chain structure which has deformations depending upon the degree of flexibility. These deformations cause an increase of the angle of dispersion, and, in the further course, a strengthening of the background in the diffraction picture. The ionizing effect of irradiation

Card 1/2

Some Particular Features of the Investigation of SOV/48-23-6-22/28 High-molecular Compounds by Means of Electrons

in the object is investigated on the basis of the changes caused, and a similar method is employed in the case of the thermal influence of irradiation. The authors investigated the influence exercised by the ionizing and thermal effect of irradiation upon the object. Collagen showed a complete transition to amorphous structure after 20-30 seconds. Reference is then made to some earlier papers in which it had been shown that the influence upon high-molecular compounds originating from X-ray and electronic irradiation conveys the state sol into the state gel. Resistance against the destructive influence of irradiation depends on the structure and the chemical state of the object. The papers by Khenckh and Lapinskaya on amino acid, and papers by the authors on the same compound are briefly mentioned, and, in conclusion, the stabilization of the structure of aqueous compounds is investigated. There are 2 figures and 13 references, 6 of which are Soviet.

Card 2/2

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

ZAYDES, A.L., kond.khim.mauk

Rffect of liming on the structure of collagen. Kozh.-obuv.
prom. 2 no.2:13-15 7 '60. (MIRA 13:5)
(Collagen) (Leather)

ZAYDES, A.L.; MIKHAYLOV, A.N.; PUSHENKO, O.I.

Modified method of determining hydroxyproline. Bickhimiia 29 no. 1:5-7 Ja-F 164. (MIRA 18:12)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevennoobuvnoy promyshlennosti, Moskva. Submitted Feb. 6, 1962.

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YELISEYEVA, V.I.; ZURABYAN, K.M.; ZAYDES, A.L.

New type of polymeric dispersions. Dokl. AN SSSR 162 nc.5 1086-1088 Je 165. (MIRA 18:7)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti. Submitted April 8, 1964.

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ZAYDES, A.L., PUSHENKO, O.I.

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Determination of reducing sugars in collegen by the anthrone method. Biokhimia 28 no.4:583-588 J1-Ag '63. (MIRA 18:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti, Moskva.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

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ZAYDES, A.L., TUSTANOVSKIY, A.A., MYAGKAYA, G.L., ORLOVSKAYA, G.V.

Formation of collagen structures during embryogeny. Biofizika 9 no.4:441-450 '64. (MIRA 38:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevennoobuvnoy promyshlennosti, Moskva i Nauchno-issledovatel'skiy institut revmatizma AMN SSSE, Moskva.

TONGUR,	A.M.; ZAYDES, A.L.; PASYNSKIY, A.G.	
	Study of deoxyribonucleic acid by electron micros Radiobiologiia 3 no.4:492-493 63. (MIRA	scopy. A 17:2)
	1. Institut biokhimii im. A.N. Bakha AN SSSR, Mor	skva.
	 Description of the second of th	

ZAYETS	and the set of the set
	Kherson Province is rid of warble flies. Veterinariia 41 no.3:6 Mr 164. (MIRA 18:1) 1. Glavnyy veterinarnyy vrach Khersonskogo oblastnogo upravleniya proizvodstva i zagotovok sel*skokhozyaystvennykh produktov.
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APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

NEVZOROVA, T.A., dotsent; ZAYEVA, G.N., kar'. med. nauk; TOLGSKAYA, M.S., doktor med. nauk; FEDOROVA, V.I., kand. med. nauk

Clinical and experimental analysis of the effect of aminazine. Trudy 1-go MMI 2!:18-31 '63. (MIRA 17:12)

1. Kafedra psikhiatrii, 1-y Moskovskiy ordena Lonina meditsinskiy institut imeni I.M.Sechanova (zav. kafedroy prof. V.M.Banshchikov), patologo-anatomicheskaya i toksikologicheskaya laboratoriya Instituta gigiyeny truda i professional'nykh zabolevaniy AMN SSSR (sav.-prof. P.P.Dvizhkov i prof. A.A.Kanarevskaya).

1. Institut geologicheskikh nauk AN UkrSSR. (Ossetia, North-Granite) (Potassium-Argon dating)	Age of granites of the Sadon-Fiagdon region (Caucasus). Geol zhur. 22 no.4:105-106 '62. (MIRA 15:9)
	1. Institut geologicheskikh nauk AN UkrSSR. (Ossetia, North-Granite) (Potassium-Argon dating)
	en en en seu en getagne en e

ZAYDES, A.L.

Effect of ascorbic acid on collagen; electron microscope study.

Biofizika 7 no.31263-265 '62. (MIRA 15:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevennoobuvnoy promyshlennosti pri Vserossiyskom sovete narodnogo
khozyaystva, Moskva.

(ASCORBIC ACID) (COLLAGEN)

TUSTANOVSKIY, A.A.; ZAYDES, A.L.; ORLOVSKAYA, G.V.; MYAGKAYA, G.L.

Development of collagen components in embryogensis. Dokl.AN.SSSR 138 no.4:962-965 Je '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy institut revmatizma Ministerstva zdravookhraneniya RSFSR i TSentral'nyy nauchno-issledovatel'skiy institut kozhevennoy promyshlennosti. Predstavleno akademikom A.I.Oparinym.

(COLLAGEN) (EMBRYOLOGE)

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Report Moscow,	presented 10-16 Au	d at the	5th Int	'l. Bio	chemist	ry Con	gress,					
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ZAYDES, A.L., STOYANOVA, I.G.

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Electron diffraction method of determining the structure of cellulose. Vysokom. soed, 3 no.2:321 F *61. (MIRA 14:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevennoobuvnoy promyshlennosti. (Cellulose)

ZAYDER AGENCE LOS ACKTOR CONTROL OF THE CONTROL OF

[Structure of collagen and changes associated with processing] Strukture kollagens i ee izmeneniis pri obrabotkakh. Koskve, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1960. 261 p.

(HIRA 14:4

(Collagen)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

	Collagen as a multicomponent system. Biofizika 5 no. 5:582-585 (60. (MIRA 13:10)
	1. TSentral'nyy nauchno-issledovatel'skiy institut kozhovenno- obuvnoy promyshlennosti, Moskva. (COLLAGEN)
···	

KASSIRSKAYA, N.G.; ZAYDES, V.M., student

Allergic cross-reactions with tuberculin prepared from Mycobeatarium tuberculosis, atypical strains and acid fast saprophytes. Probl. tub. 42 no.8:59-64 '64. (MIRA 18:12)

1. Kafedra mikrobiologii (zav. - prof. M.N.Lebedeva) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

ZAYDINER, Yu.I.; COL'IMAN, I.Ym.; AVERKIYEV, F.V.

Comparative evaluation of the cost of young sturgeons using various commercial rearing matheds. Trudy AzMIIRM no.6:241-251 '63.

(MIRA 17:8)

AND PERFECT THE PROPERTY OF THE PROPERTY OF THE

ZAYDLER, Ya.I.

Depressive action of dicoumarin on the heart and the role of oxygen in this effect. Farm. i toks. 26 no.1:64-66 Ja-F *63. (MIRA 17:7)

1. Kafedra farmakologii (zav. - prof. A.N. Kudrin) farmatsevticheskogo fakul*teta I Moskovskogo ordena Lenina meditsinskogo

instituta imani I.M. Sechenova.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

GVOZDEVA, Ye.I.; ZAYDLER, YB.I.

Reactivity of the organism to cardiac glycosides in combination with anticoagulants. Farm.i toks. 23 no.2:125-127 Mr-Ap '60.
(MIRA 14:3)

1. Kafedra farmakologii (zav. - prof. M.M.Nikolayeva) Moskovskogo farmatsevticheskogo instituta.
(CARDIAC GLYCOSIDES) (COUMARIN)

ZAYDIER, Ya.I.

Simple device for demonstrating the activity of tranquilizers. Farm.i toks. 23 no.3:272-273 My-Je '60. (MIRA 14:3)

1. Kafedra farmakologii (zav. M.M.Nikolayeva) farmatsevticheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(TRANQUILIZING DRUGS)

BUKSER, Ye.S.; FEDOROVA, H.Ye.; ZAYDIS, B.B.

Chemical analysis of water in small samples or with lew mineralization. Ukr.khim.shur.17 no.1:8-21 [5]. (MLRA 9:9)

1.Kiyevskiy gosudaratvennyy universitet i Institut geelogicheskikh nauk Akademii nauk Ukrainskey SSR. (Water--Analysis)

ZAYDIS, & B

BURKSER, Yevgeniy Samoylovich; ZAHORIY, Petr Konstantinovich; ROMODANOVA,
Ada Petrovna; BURKSER, Vasilisa Vasil'yevna, POLOVKO, Ivan Kirillovich;
KUL'SKAYA, Ol'ga Adol'fovna; Zaydis Bronya Borisovna; BOHDARCHUK, V.G.,
otvetstvennyy redaktor; LYSEHKO, F.K., reduktor izdatel'stva; ZHUKOVSKIY, A.D., tekhnicheskiy redaktor

[Geochemical conditions in socuthern districts of the Ukraine and the prognosis of their possble transformation as a result of irrigation] Geokhimicheskaia obstanovka v iuzhnykh raionakh Ukrainskoi SSR 1 prognoz so vozmozhnykh izmenenii v rezultate orosheniia. Kiev. Izd-vo Akademii nauk Ukrainskoi SSR, 1956. 135 p. (MIRA 10:2)

1. Deystwitel'nyy chlen Akademii nauk USSR (for Bondarchuk)
(Ukraine--Soils)

TOTARRIBETIS AT THE SYSTEMS STEEDING TO THE PARTY OF THE

BURKSER, Ye.S.; BURKSER, V.V.; ZAYDIS, B.B.

Mineral water in the city of Khmel'nik in the Vinnitsa Province. (Hydrochemical characteristics). Gidrokhim.mat. 29:169-173 '59. (MIRA 13:5)

1. Institut geologicheskikh nauk AN USSR, Kiyev. (Khmel'nik--Mineral waters)

BURKSER, Ye. S. Burkser, IE. S.]; KOTLOVSKAYA, F.I. [Kotlovs'ka, F.I.]; ZAYDIS, B.B.

Determining the absolute age of certain meteoric stones by precipitating potassium with tetraphenyl boride. Geol. zhur. 18 no. 2:90-92 158.

(Meteorites)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

ZAYDES, Kh.L., Donathem Sci-(diss) "Structure of collagen and its changes under various processing." Mos, 1958. 22 pp (Ein of Higher Education USSR. Mos State U im E.V. Lomonosov), 150 copies (KL, 30-58, 122)

-19-

ZAYDIYEVA, Z. N., Cand Med Sci -- (diss) "Application of cometreurynter of low capacity for the purpose of stimulating and inducing labor activity in longitudinal presentations of the fetus." Mos, 1957. 11 pp (1st Mos Order of Lenin Med Inst im I. M. Sechenov), 200 copies (KL, 52-57, 111)

- 115 -

OMAROV, M.A.; ZAYDIYEVA, Z.N.

Pregnancy and labor in Werlhof's disease. Sov. med. 26 no.4:122-124 Ap 163. (MIRA 17:2)

1. Iz kafedry akusherstva i ginekologii (zav. - dotsent M.A. Omarov) Dagestanskogo meditsinskogo instituta.

ZAYDIYEVA, Z.W.

A metreurynter of small capacity for induction of labor in longitudinal presentation [with summary in English], Akush, i gin.

3) no.3134-37 My-Js '57. (MINA 1018)

1. Iz Instituta akusherstva i ginekologii (dir. L.G.Stepanov) Ministerstva zdravookhraneniya RSFSR. (IABOR, INDUCED

by metreurysis in longitudinal position of fetus (Rus))

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

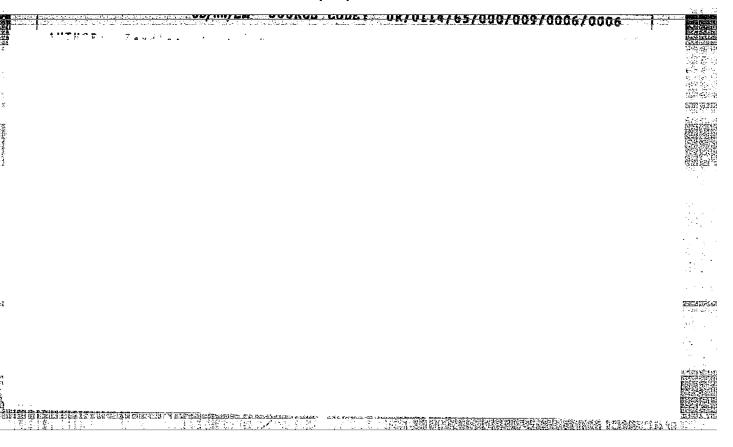
ZAYDIYEVA, Z.N., GUDNIYEVA, Sh.A.

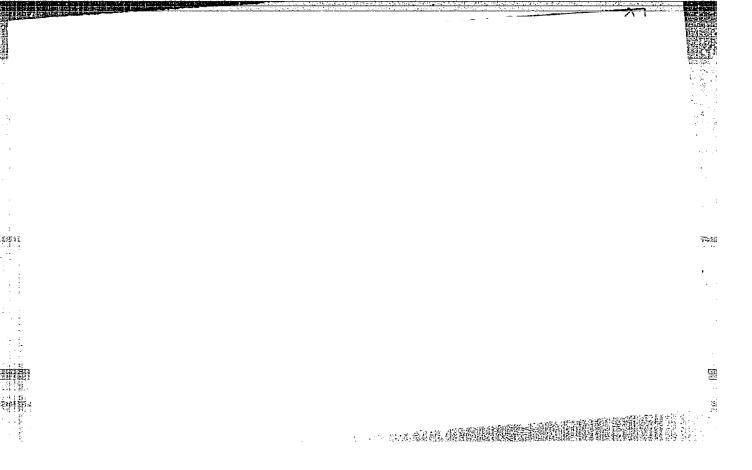
Immediate and late results of using obstetric forceps in delivery. Vop. okh. mat. i det. 8 no.7:89 Jl '63. (MIRA 17.2)

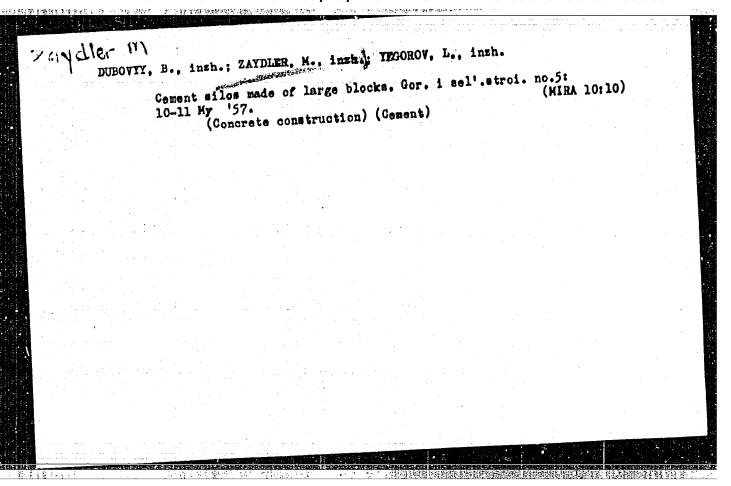
1. Iz kafedry akusherstva i ginekologii Dagestanskogo meditsinskogo instituta.

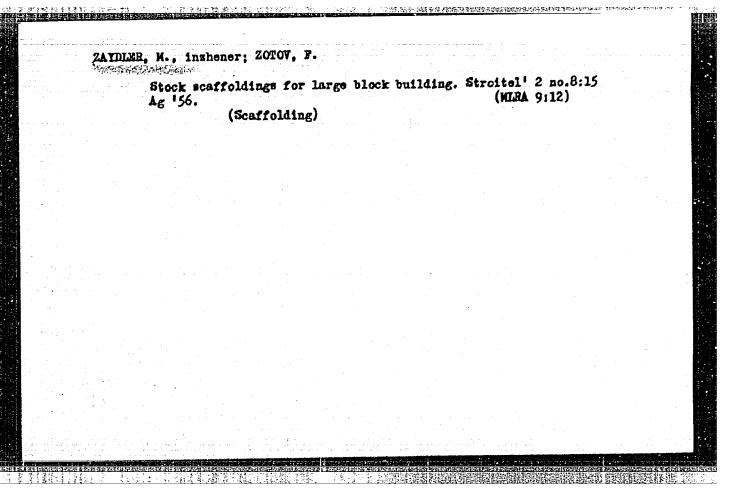
ZAYDIFR, I.A., inzh.

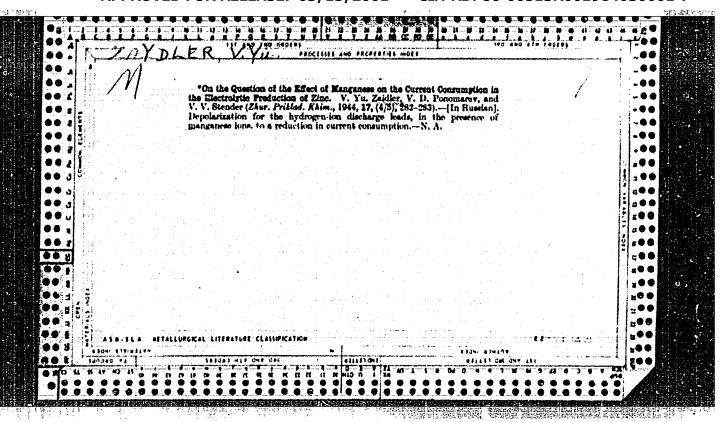
Meeting of several branches of industry on the technology of diesel manufacture. Energomeshinostroenie 11 nc.6:44 Je 165. MIRA 18:7











ZAYDLER, I.A., inzh.

Proaching of disc slots in gas turbines. Energonashinostroenie 11 no.9:6 S 165.

Development and use of new equipment and techniques in machining gas turbine blades using an electric method in the Neva Machinery Building Plant. Ibid.: 19 (MIRA 18:10)



ZAYDIER, Ya.I.

Studies on the effect of strophanthin on blood cosgulation using the hoperin test [with summary in English]. Farm. i toks. 21 no.4:42-46 J1-Ag 158 (MIRA 11:11)

1. Kafedra famakologii (zav. - prof. M.M. Nikolayeva) Moskovskogo farmatsevticheskogo instituta.
(HEPRAIN.

test, determ. of blood coagulation reactions to strophanthin (Rus)) (BLOOD COAGULATION, effect of drugs on strophanthin, heparin test (Rus)) (STROPHANTHIN, effects on blood coagulation, heparin test (Rus))

"The Effect of Convallaria Glycosides on Blood Coagulability."

report presented at the 148th meeting of the Pharmacology and Toxicology Section of the Moscow Society of Physiologists, Biochemists and Pharmacologists, 24 Jun. 1958.

Moscow Pharmaceutical Institute

(Farmakologiia i Toksikologiia, 21, no 6, Nov-Dec 58, p. 619)

Effect of C 22 no.4:36	onvallaria 8-369 Jl-Ag	glycosides	on bloo	d coagulat	ion. Far	ш. 1 toks. (ИІВА 13:1)
1. Kafedra farmatsevti	farmakologi cheskogo in (CONVALLARI (BLOOD COAC	stituta Ki A pharmac	nistorst 1.)	VA Edravoo	eva) Hos khraneni	kovskogo ya RSFSR.	
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ZAYDLER, Ya.I.

Effect of strophanthin, corglycon and convallosid on some blood coagulation factors. Form.i toks. 22 no.6:527-531 N-D '59.

(NIRA 13:5)

1. Kafedra farmakologii (zav. - prof. H.M. Nikolayeva) farmatsevticheskogo fakul teta I Koskovskogo ordena Ienina meditsinskogo instituta imeni I.M. Sechenova.

(BLOOD--COAGULATION) (CARDIAC GLYCOSIDES) (STROPHANTHIN pharmacol.)

Antiarrhythmic activity of \$\beta\$-aminokatones. Farm. I toks. 28 no.6:662-665 N-D '65. (MIRA 19:1)

1. Kafedra farmakologii (zav. - prof. A.N.Kudrin) farmatsevticheskogo fakul'teta I Moskovskogo ordena Lenina meditainskogo instituta imeni Sechenova.

BUILDING BEIGH GEORGE LIEUTSCHEINEN BEIGH AUTSCHEIN GERAUS

ZAYDLER, Ya.I.

Device for prolonged kymographic recording. Farm. 1 toks. 25 no.1:121-122 Ja-F '62. (MIM 15:4)

1. Kafedra farmakologii (zav. - prof. A.N.Kudrin) farmatsevticheskogo fakulitota I Moskovskogo ordena Lenina meditsinskogo instituta.

(KYMOGRAPH)

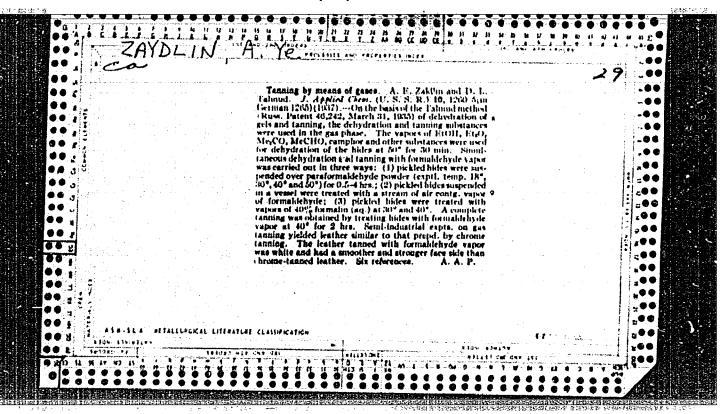
Effect of heparin of strophanthin.	Farm.1 toks. 2/	, no.1180-83 Ja	-# '01. (MIRA 14:5)	on
1. Kafedra farmal prof. M.M.Nikolay instituta imeni (STROPH	yeva) I Moskovsko I.M.Sechenova.	rticheskogo fak ogo ordena Leni (HESPARIN)	ul!teta (zav na meditsinskogo (COUMARIN)	

Some characteristics of blood coagulation in frogs. Fiziol.zhur. 47 no.3:336-340 Mr '61. (MIRA 14:5)
l. From the Pharmacology Chair, the Pharmaceutical Division of the Sechonov 1st Medical Institute, Moscow. (BLOOD—COAGUIATION)

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KUDRIN, Aleksandr Nikolayevich; ZAYDLER, Yakov Izrailevich; ZOLOTUKHIN, Stepan Ivanovich; CHISTYAKOVA, H.P., Fed.; MATVEYEVA, M.M., tekhn. red.

[Manual on practical work in pharmacology] Rukovodstvo k prakticheskim zaniatiiam po farmakologii. Moskva, Izd-vo "Meditsina," 1964. 210 p. (MIRA 17:3)



SHMARTS, V. L., inmhener; ZAYDLIN.G.S.; FEDCRENKO, V. H.

Preparation of a magnetic suspension. Vest. mash. 35 no.8:64-66
Ag'55.

(MIRA 8:10)

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New techniques Mashinostroitel	used in machin 1 no.2:17 F 57 (Shapers)	ing pinions on g	ear shapers.	(MLRA 10:5)	
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CAYDLIN, H., Jt. au.

The financial plan of the Sovkhoz: an aid for setting up a financial plan for a sovkhoz tending toward livestock raising Moskva, Gosfinizdat, 1934. 151 p. (51-50765)

HD1493.R9D6

ZAYDMAN, A.M., mladshiy nauchnyy sotrudnik (novosibirsk, 9, ul. Dobrolyubova, d. 22, kv. 71)

Experimental posttraumatic deforming osteoarthrosis of the hip joint. Ortop., travm. i protez. 26 no. 10:9-15 0 65.

(MIRA 18:12)

1. Iz Novosibirskogo instituta travmatologii i ortopedii (dir. - dotsent D.P. Metolkin) i laboratoriya gistokhimii (rukovoditel! - prof. B.B. Fuks) Instituta morfologii cheloveka AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. A.P. Avtsyn). Submitted April 16, 1964.

	Monolithic no.8:38 Ag	joints of 162.	large-panel (Building	buildings.	Na stroi Ros. (MIRA)	. 3 (5:12)	
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l. Zavod "Zaporoshstal". (Rolling (Matalwork)) (Steel-Magnetic proporties)		Effect of of transf	conditions of cold rol ormer steel. Stal 23	ling on the magnet no.1:65-67 Ja 163.	ic propertie (MIN	16:2)	
		l. Zavod	"Zaporoshatal". (Rolling (Matalwork))	(Steel-Magnetic	proporties)		
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ZAYDMAN, I.D.; BORISENKO, V.G.

Studies on the heating conditions of transformer steel ingots.

Metallurg 10 no.9:34-35 S '65. (MIRA 18:9)

1. Caved "Zaporozhstal".

BORISENKO, V.G., inch.; ZAYDMAN, I.D., inch.

Effect of the thickness of cold rolled transformer steel sheets on specific energy losses. Elektrichestvo no.11:81-82 N '65.

(MIRA 18:11)

1. Zavod "Zaporozhatal".

ZAYDMAN, I.D.; BORISENKO, V.G.

Plasticity of transformer steel in hot rolling. Stal! 25 no.8: 745-748 Ag 165. (MTRA 18:8)

1. Zavod "Zaporozhstal!".

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TO DESCRIPTION OF THE PROPERTY OF THE PROPERTY

BORISENKO, V.G., inzh.; NEFEDOV, A.A., inzh.; ZAYDMAN, I.D., inzh.

Low-carbon steel for magnetic circuits of d.c. machines. Elektrotekhnika 36 no.7:39-40 Jl '65. (MIRA 18:7)

BORISENKO, V.G.; BOZHKO, S.A.; GEPPA, S.A.; ZAYDMAN, I.D.; GAMAZOVA, L.B.

Reasons for the increased brittleness of strips of transformer steel. Metallurg 10 no.8:25-27 Ag '64.

(MIRA 17:11)

1. Zavod "Zaporozhstal".

ZAYDMAN, I.D.; BORISENKO, V.G.

Simplified technology for the production of cold-rolled low-textured electrical steel. Stal' 23 no.1:76-79 Ja '63. (MIRA 16:2)

1. Zavod "Zaporozhstal'". (Rolling (Metalwork)) (Steel-Metallography)

Indices of industrial production costs. Fin. SSSR n !60.	21 no:11:52-58 (MIRA 13:11)
1. Hachal'nik finansovogo otdela Moldavskogo sovnar 2. Zamestitel' nachal'nika finansovogo otdela Molda (for Zaydman). (Costs, Industrial)	rkhoza (for Timoshenko). Avskogo sovnarkhoza

TIMOSHERKO, I.; ZAYDMAN, L.

Obligations to the budget are carried out on time. Fin. SSSR 23
no.5247-49 My 162. (Mika 1525)
(Moldavia---Tax collection)

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SADOVSKIY, G.I.; PAKHOMOV, A.S.; SHABLYGIN, A.I.; DOROKHOV, M.I.; ZAYDMAN, L.A.; GRIGORYANTS, E.L.; VILLEM, E.Yu.

Improving mining technology in the "Zapolyarniy" Mine of the Noril'sk Combine. Gor. zhur. no.11:31-38 N '61. (MIRA 15:2) (Noril'sk region--Mining engineering)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001964030001-7"

GOROLETSKIT, P.I.; ZAYMAN, L.A.; PAKHOMOV, A.S.; PALIY, V.D.;
SADOVSKIT, G.I.; SHABLYGIN, A.I.

Developing mining systems at the 7/9 mine of the Moril'ak
Combine, Gor.shur, no.;:21-72 Mr '58, (MIRA 11:3)

(Noril'sk--Mining engineering)

907-127-56-3-5/24

AUTHORS:

Gorodotskiy, P.I., Zaydman, L.A., Pakhemev, A.S., Paliy, V.D.,

Sadovskiy, G.I. and Shablygin, A.I.

TITLE:

Development of Methods of Exploitation in the Mine 7/9 of the Noril'sk Combine (Razvitiye sistem razrabotki na rudnike

7/9 Noriliakogo Kombinata)

PERIODICAL:

Gornyy zhurnal, 1958, Nr 3, pp 21-32 (USUR)

ABSTRACT:

The exploitation of dispersed ores of the Norilisk deposits is made very difficult due to the unfavorable underground conditions and, till now, several methods of exploitation have been tried and rejected. The part of the Norilisk deposits which forms the exploitation field of the mine 7/9 is formed by sheet-like deposit of the mineralized gabbrodiabases about 18-20 m thick. The cre body is divided by a tectonic break. The western part is occupied by the mine Nr 7, and the eastern - by the mine Nr 9. The exploitation is difficult because of: 1) extreme fracturing of the rocks, which does not allow the uniform crushing of the ore by blasting operations; 2) extreme toughness and adhesiveness of the ore and surrounding rocks; 3) metan emanations from the underlying layers; 4) eternal frozen state of the ore which excludes drilling with washing; and 5) the presence of mas-

Card 1/3

SOV-127-58-3-5/24

Development of Methods of Exploitation in the Mine 7/9 of the Noril ek-Combine

HINDER AND REPORT OF THE CONTROL OF

sive covering rocks which hampers their caving in and can create excessive pressure on the blocks. Many methods of exploitation have been tried since 1951 and each one has proved unsatisfactory. Finally the method of compulsory cave-in of blocks was adapted. In 1956 the Rudnaya laboratoriya gormoy opytho-issledovatel skoy stantsii (The ore laboratory of the experimental-research station) (GOIS) of the Norilisk Combine elaborated several variations of this method which were tried out during mining operations. The authors give a detailed description of the methods and of results obtained The blasting method of the rocks covering the alresdy exploited chambers was elaborated by the Kafedra razrabotki rudnykh mestorozhdeniy (The Chair of Exploitation of Ore Beposits) of the Leningrad Hining Institute. As a final result of these experiments it was found that normal working conditions in the mine could be assured whene 1) the compulsory days in

Card 2/3

SOV-127-58-3-5/24

Development of Methods of Exploitation in the Mine 7/9 of the Noril sk Combine

> of the covering rocks is strictly observed; 2) a systematical exploitation of the blocks is observed; and 3) the time of preparation of the rock blasting is shortened, so, that there is no delay between the termination of the exploitation and the blow up of the covering rocks. There are 2 photos, 5 tables, and 9 diagrams.

ASSOCIATION: Rudnaya laboratoriya gornoy opytno-issledovatel'skoy statidi Noril'skogo kombinata (GOIS). (The Ore-Laboratory of the Experimental and Research Station of the Noril'sk Combine (GCIS)) Kafedra razrabotki rudnykh mestorozhdeniy Leningradskogo gornogo instituta (The Chair of Exploitation of Ore Deposits of the Leningred Mining Institute)

- 1. Mining industry-USSR
- 2. Ores-Production
- 3. Mining engineering

Card 3/3

ACCESSION NR: AP4029217

5/0114/64/000/004/0030/0033

AUTHOR: Zaydman, M. Ye. (Engineer); Mironov, D. K. (Engineer)

TITLE: Operating experience with austenitic-steel steam superheaters of 180-atm, 565-580C steam boilers

SOURCE: Energomashinostroyeniye, no. 4, 1964, 30-33

TOPIC TAGS: superheater, steam superheater, boiler, steam boiler, 180 atm boiler, 565-580C steam boiler

ABSTRACT: Eight high-pressure boilers have been in operation at the Cherepet power station for 5-11 years. The superheaters of nos. 1-5 boilers are made from 1Kh14N14V2M steel; those of nos. 6-8 boilers, from 1Kh18N12T steel; the input coils of the superheaters of nos. 7 and 8 boilers are made from 12Kh1MF input coils of the superheaters of nos. 7 and 8 boilers are made from 12Kh1MF steel. The total number of faults in the superheater (32 mm, 5.5-mm wall) pipes steel. The total number of faults in the superheater (32 mm, 5.5-mm wall) pipes steel. Also been about 440 as of 01Jap64. Nature of faults: bend cracks, straight-section

Cord 1/2

ACCESSION NR: AP4029217

cracks, blows and breaks, weld cracks, others. The causes of the faults have been found: straight-section cracks were due to defective pipes (nonmetallic inclusions); bend cracks were due to cold-bending metal hardening (austenization and modification of the coil fastening cut the number of faults of this type from 49 in 1954 to 3 in 1962); blows and breaks were due to the creep of 1Kh18N12T steel under high-temperature (estimated as high as 680C) conditions. The superheater of no. 5 boiler after austenization and improving the pipe fastenings has operated reliably for 40,000 hrs. Orig. art. has: 5 figures and 1 table.

ASSOCIATION: none

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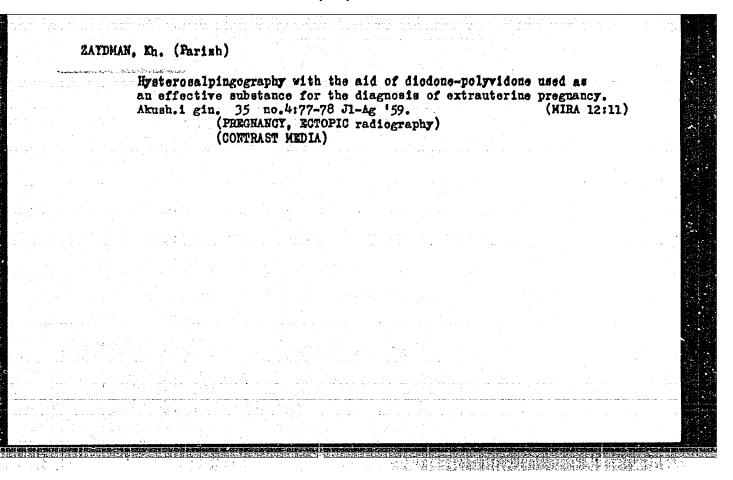
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Card 2/2



ZAYLMAN, M.Ye., inzh.; MIRONOV, D.K., inzh.

Operation of superheaters from austenite steel in boilers with 180 atm. and steam temperatures from 565 to 580° C. Energomashinostroenie 10 no.4:30-33 Ap 164.

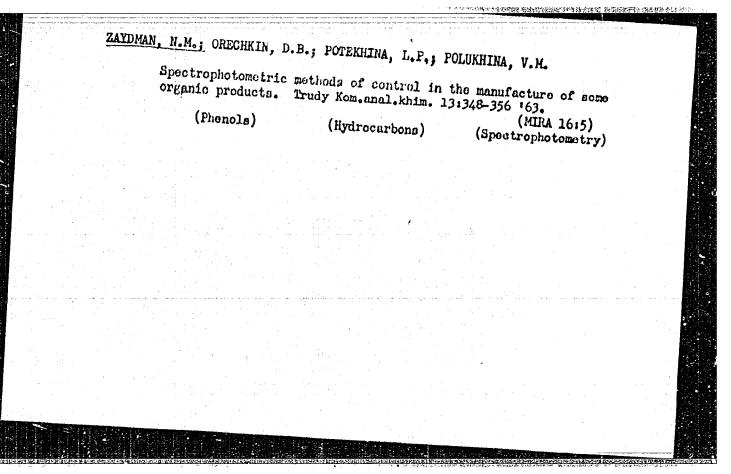
(MIRA 17:6)

ZOTOV, V.V.; GOLUB, S.I.; ZAYDNAN, N.M.

Study of conversions of starch and dextrins, with the aid of spectrophotometry. Biokhimiia 18 no.3:271-274 My-Je '53. (MLRA 6:7)

1. Vsesoyusnaya nauchno-issledovatel'skaya protivofilloksernaya stantsiya MBKh ESBR. 2. Nauchno-issledovatel'skiy institut fiziki Odesskogo gosudarstvennogo universiteta. (Starch) (Dextrin)

ZAYDMAN, M. Ye.		PA-163T 6 0	
B	tals - Testing, (Contd) enter. Investig	"Application of the Micro Investigation of Zonal Parolint," M. Ye. Zaydman, Joint, "M. Ye. Zaydman, I Zavod Lab" Vol XVI, No Describes experiments commechanical properties of the velded joint before a Studied distribution of the control of the co	USSR/Metals - Testing, Welding, E
163160	Jun 50 Welding Jun 50) gated changes in struc- er effect of veluing	Zonal Properties in the Welded Zonal Properties in the Welded Aydman, I. M. Roytman XVI, No 6, pp 729-732 XVI, No 6, pp 729-732 iments conducted for determining arties of steel in various zones before and after heat treatment ition of mechanical properties de ances of test microspecimens from	Welding Jun 50



	ZAYDMAN, N.M.
2.	USSR (600)
4.	Fhotochemistry
7.	Spectral distribution of the photovoltaic effect on silver bromide electrodes. Ahur. fiz. khim. 26 No. 12, 1952
9. Mo	onthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

Chemical Abst. Vol. 48 No. 3 Feb. 10, 1954 Biological Chemistry	A spectrophotometric study of starch and downing yand formation. X. V. John V. T. Colub. and X. M. John V. J. Colub. and X. J.
211 Maion i King - protinge i keerneye stanteiga	of processes of starch synthesis. Tissues does not the existence sprouting potatoes evidenced the present of the existence principles. In the study of the intensity of the intensity of colors until the processes of the study of the intensity of colors until the processes of the study of the intensity of colors until the processes of the study of colors until the processes of the study of the intensity of colors until the processes of the study of the intensity of the intensity of the study of the study of the intensity of the study of the stu

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SANOYLOV, S.M.; ZAYDNAH, H.M.

Effect of tabletting on the specific surface and porosity of a methanol-zinc - chromium catalyst. Trudy Vost.-Sib.fil.AH SSSR no.4:115-122 *56. (MLRA 9:12)

(Catalysts)

SHPEYZER, G.M.; ZAYDMAN, N.M.

Direct potentiometric determination of sulfides in waters. Zav.lab. 31 no.3:272-273 65.

(MIRA 18:12)

ZAYDMAN, N.M.; ORECHKIN, D.B.; GIADOVSKAYA, M.F.; MARTYNOVA, E.N.

Some properties of a tungsten sulfide catalyst. Khim.i tekh.topl.
i masol 6 no.1:25-28 Ja '61.
(Hydrogonation) (Tungsten sulfide)

s/065/61/000/001/005/008 E030/E212

AUTHORS:

Zaydman, N. M., Orechkin, D. B., Gladovskaya, M. F. and Martynova, E. N.

Some Properties of Tungsten Sulphide Catalysts

TITLE:

Khimiya i tekhnologiya topliv i masel, 1961, No. 1,

PERIODICAL: pp. 25-28

A method has been devised for the rapid prediction of the stability of tungsten sulphide catalysts, and some reasons for its deactivation discovered. The caralyst is normally supplied in the form of pellets 10 x 10 mm, with a breaking stress of 250-300 the form of pellets 10 x 10 mm, with a breaking stress of 250-300 kg/cm. The beta (BET) surface area is 60-70 m²/g, and the mean kg/cm. The beta the prediction method consists in soaking the pore radius 17 A. The prediction method consists in soaking the pollets in an archeric solvent. pellets in an aromatic solvent, preferably orthoxylene, for 10 minutes. During that time, any mechanically unstable pellets will break up, either into fragments, or into powder, under the action of adsorption of liquid and release of gas bubbles. The percentage of pellets left as whole or fragments. of pellets left as whole, as fragments, and as powder, after that time is then counted. There is a very strong correlation between the resistance of the pellets to this treatment, and the useful

Card 1/2

B/065/61/000/001/005/008 E030/E212

Some Properties of Tungsten Sulphide Catalysts

catalyst life, as determined both under pilot plant and industrial operation. For instance, two types of catalyst pellet were left 100% and 4.6% whole after the test treatment, and in practice they lasted 110 and 10 days, respectively, after which they were 82% and 53% whole. Correlation between mechanical stability, as determined above, and chemical stability and activity exists. The reason is the deposition of carbon on the catalyst. By slicing pellets with a microtome, and examining the carbon content as a function of distance from the pellet surface, a steep maximum (around 5%) is found about 0.05 to 0.1 mm from the surface, tailing off to a constant level (about half the maximum) within. This is due to diffusion of feed and hydrogen, subsequent cracking and coke formation within, and sealing of the interior to further diffusion. Thus, the pore volume rapidly drops, and the reactor pressure drop increases, and the surface area falls to 10-15 m²/g. It is therefore essential to maintain a high partial pressure of hydrogen to inhibit coke formation. There are 1 figure, 2 tables and 4 references: 2 Soviet and 2 non-Soviet.

Card 2/2

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